

Please amend the last paragraph of page 6 of the "Detailed Description of the Invention" section of the Application as follows:

VOA calibration system 60 also includes a controller 80, which also controls the operation of Alice. Controller 80 is operatively connected to optical radiation source 30, VOA driver 44, electrical meter 50, detector 74, and power meter 70, and controls the operation of these components. Controller 80 is also coupled to a controller 80' at Bob via a timing/synchronization link 84 so that the operation of the QKD system is synchronized between the two stations. In this sense, controller 80 and controller 80' can be considered as a single controller. Controller 80' is coupled to a detector 82 located in Bob that detects the weak optical pulses 32 after they have been polarization-modulated or phase-modulated by polarization or phase modulators PM and PM' located in Alice and Bob, respectively.